

Converting Colors

$Y_{xy}(40.5191, 0.2948, 0.1881)$

Have a look what the booklet for
Yxy(40.5191, 0.2948, 0.1881)
contains.

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Color

Yxy(39.5955, 0.3061, 0.1982)

Conversions

Conversions Part 1

Format	Color
Hex	F179FF
RGB	241, 121, 255
RGB Percent	95%, 47%, 100%
CMY	0.0551, 0.5253, 0.0000
CMYK	0.06, 0.53, 0.00, 0.00
HSL	294°, 100%, 74%
HSV	294°, 53%, 100%
XYZ	61.1513, 39.5955, 99.0287
YIQ	172.1560, 28.5060, 67.1140

Conversions

Conversions Part 2

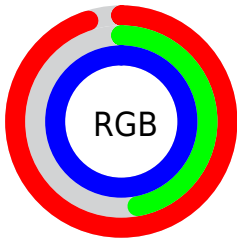
Format	Color
R_{YB}	241, 121, 255
Decimal	15825407
CIE _{Lab}	69.18, 64.49, -46.91
CIE _{LCh}	69, 79.745, 323.965
Yxy	39.5955, 0.3061, 0.1982
Android (android.graphics.Color)	4294015487 (0xFFFF179FF)
YUV	172.1560, 40.8421, 60.3762
Hunter-Lab	62.9250, 63.3499, -49.2607

Details

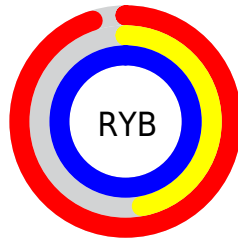
The Yxy color **39.5955, 0.3061, 0.1982** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **78.0593, 0.3118, 0.4945**, and the grayscale version is **41.1211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **17.6891, 0.3006, 0.1698** is the 20% darker color. If you saturate the color by 10%, you get **33.7278, 0.3039, 0.1781**, and if you desaturate by 10%, it is **47.1111, 0.3080, 0.2212**.

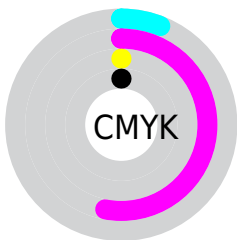
Distribution



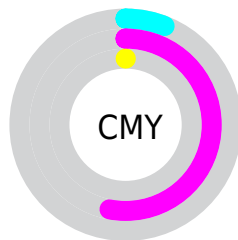
- Red (95%)
- Green (47%)
- Blue (100%)



- Red (95%)
- Yellow (47%)
- Blue (100%)



- Cyan (6%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5955, 0.3061, 0.1982 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.5955, 0.3061, 0.1982 by changing the saturation by 10% instead.


 39.5955, 0.3061,
0.1982


 39.5955, 0.3061,
0.1982

344.4157, 0.3121,
0.2568


 27.2233, 0.3040,
0.1856


 74.5472, 0.3088,
0.2180

 17.7410, 0.3011,
0.1704

 97.8954, 0.3096,
0.2258

 10.7642, 0.2968,
0.1521


 125.6711, 0.3103,
0.2327

 5.9085, 0.2904,
0.1295

158.2587, 0.3108,
0.2387

 2.7895, 0.2801,
0.1018

196.0426, 0.3112,
0.2440

 1.0229, 0.2627,
0.0682

239.4071, 0.3116,

 0.0000, 0.2389,

0.2487

0.0000

288.7367, 0.3119,
0.2530

■ 0.0000, 0.1553,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.5955, 0.3061,
0.1982

■ 39.5955, 0.3061,
0.1982

■ 33.7278, 0.3039,
0.1781

■ 47.1111, 0.3080,
0.2212

■ 29.3710, 0.3015,
0.1619


■ 56.3874, 0.3096,
0.2462


■ 26.3744, 0.2988,
0.1500

■ 67.5330, 0.3109,
0.2720

■ 24.5532, 0.2961,
0.1426

■ 80.6462, 0.3119,
0.2978

 23.7573, 0.2941,
0.1394

 95.8185, 0.3126,
0.3228

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.5955, 0.2086, 0.1703



39.5955, 0.3061, 0.1982



39.5955, 0.4278, 0.2503

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.5955, 0.3061, 0.1982



39.5955, 0.4791, 0.4710



39.5955, 0.1411, 0.2882

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.5955, 0.3061, 0.1982



78.0593, 0.3118, 0.4945

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.5955, 0.1932, 0.4218



39.5955, 0.3061, 0.1982



39.5955, 0.3874, 0.5377

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.5955, 0.3061, 0.1982



39.5955, 0.5335, 0.3913



39.5955, 0.2839, 0.5331



39.5955, 0.1294, 0.2051

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.5955, 0.3061, 0.1982



39.5955, 0.4960, 0.2940



39.5955, 0.2839, 0.5331



39.5955, 0.1536, 0.3287

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.5971, 0.3061, 0.1982



75.8721, 0.3116, 0.2889



29.0848, 0.2146, 0.1792



15.6576, 0.3114, 0.2836



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5971, 0.3061, 0.1982



33.4921, 0.3038, 0.1773



39.2870, 0.3693, 0.2461



18.1979, 0.3121, 0.3055



12.4528, 0.2946, 0.1396



1.2391, 0.2978, 0.1414

Inverse Universe

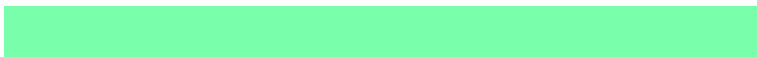
The Inverse Universe completely reimagines the original color for something new.



36.6959, 0.4506, 0.3152



30.4798, 0.4961, 0.3140



78.5814, 0.2819, 0.4332



18.0180, 0.3278, 0.3265



11.1595, 0.6281, 0.3234



1.0963, 0.6061, 0.3113

Previews

White Background



This preview shows how the Yxy color 39.5955, 0.3061, 0.1982 looks on a white background.

Color Contrast Check

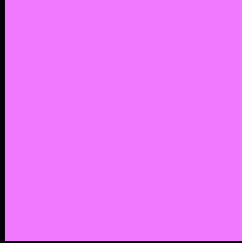
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.5955, 0.3061, 0.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

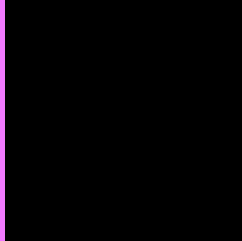
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5955, 0.3061, 0.1982

Background



This preview shows how black text looks on a background with the Yxy color 39.5955, 0.3061, 0.1982.



This preview shows how white text looks on a background with the Yxy color 39.5955, 0.3061, 0.1982.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.5955, 0.3061, 0.1982

Protanopia

40.1758, 0.2312, 0.2201

Deuteranopia

40.0390, 0.2353, 0.2292



Tritanopia

39.4861, 0.3874, 0.3164

Trichromacy



Original Color

39.5955, 0.3061, 0.1982



Protanomaly

38.1467, 0.2530, 0.2070



Deuteranomaly

38.1493, 0.2562, 0.2125

Tritanomaly

39.0652, 0.3562, 0.2667

Monochromacy



Original Color

39.5955, 0.3061, 0.1982



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

38.9171, 0.3109, 0.2684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5955, 0.3061, 0.1982 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 121, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 121, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.5955, 0.3061, 0.1982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 121, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 121, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 121,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5955, 0.3061, 0.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 121, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
121, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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